2. Beryllium minerals are widely distributed. The most important producing regions are in the Sverdlovsk district of the Ural Mountains and in Transbaikalien (the area east of Lake Baikel). Beryllium minerals are also found in the Altai Mountains, the Lena River Valley, and the western Ukraine, but geologic literature indicates that these deposits are of little economic importance. The principal deposits in the USSR are:

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- a. In the Murzinka (57 42N 61 OlE) region, 80-100 kilometers northeast of Sverdlovsk (56 50N 60 38E) -- the oldest known Soviet deposit, discovered in 166S. Aquamarine, common beryl, morganite, and herderite are present in pegmatite veins, but according to Betekhin (1946), the deposit is largely exhausted.
- b. In the Takowaya /sig/ River Valley of the Sverdlovsk area near Sretenka (54 03N 65 44m) -- phenacite, emerald, and aquamarine. Alexandrite and chrysoberyl important as gems occur here in gold bearing sands. There is no available data about the deposits' economic value.
- c. In the Ilmen Mountains Il'menskiye Gory (Mts) (55 15N, 60 12E) near Miask Miass 55 02N 60 06E/ -- helvite containing beryllium ore.
- d. In the Sanarka Valley Sakmara 51 45N 55 03E near Orenburg Chkalov 51 45N 55 06E -- alexandrite and chrysoberyl, important as gems, in gold bearing sands.
- e. At Sysertsk / Godert 56 29N 60 50E7 -- demantoid:
- f. At the Izumrudnyie Kopi (emerald mine) /Izumrud 57 05N 61 25E/ -92 kilometers northeast of Sverilovsk and 12 kilometers west of the Becker of Bazhenovo 56 45N 61 23E/ asbestos deposit. Beryllium minerals associated with pegmatite veins and with chlorite-actinclite schists are mined here at a depth of 75 meters. This is the USSR's most important deposit of beryl and its varieties and the deposit is composed mostly of the gems alexandrite, emerald, phenacite, chrysoberyl, and common beryl. It was discovered in 1831 and is comparable in importance to the greatest US deposits according to Betekhin. The mine has exploited beryl since 1928 as a source of the metal beryllium and fragments of emerald, otherwise useful as gems, are being mined for the same purpose:
- g. In Transbalkalia at Savatyeiowo (Savel'yevskaya, 56 06N, 100 01E)
 Nerchinsk (51 50N 116 35E) district, between the
 Onon (51 41N 115 47E) and Shilka (53 20N 121 26E)
 Rivers in the Adun-Cholon Mountains, especially at Sherlovaya
 Gora (50 35N 116 21E) -- beryl, morganite, and aquamarine
 with topaz. According to the Soviet Encyclopedia of 1926,
 this deposit was not being exploited. Here recently,
 however,
 were surveyed and are producing some (sic) tons of beryllium
 per year.
- h. Near Irkutsk (52 16N 104 20E) in Siberia -- bertrandrite deposit.
- i. In Pamir /Pamir Mtg/ (38 00N, 73 00E) in. Mongolia at Soktour /Soktuy 50 04M 117 48E/ on the argum River. No exact data about economic value.
- j. In the Ukraine in Volnynien sic at Ovrouch sic Mariupol (47 05N - 37 36 E) district - - beryl deposits of little economic significance.
- k. In the Satellites -- a small reserve of beryl in Polish Silesie at Strikov and another in North Korea.

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3. The following table shows the output of beryl and its varieties in 1927-28:

Name	Location	Carats	Price (Rubles per 	Total Value (Rubles)	Reserves
Emerald	Izumrudnyie Kopi	ve., 25,,20 0	25	625,000	2 million carats
Alexandrite	tt m	250	50	12,500	l ton
Phenacite	п и	1,000	5	5,000	1 ton
Demantoid	Sysertsk	12,000	5 j. is	60,000	no data
Morganite	Transbaikali a	500	3	1,500	small
Beryl Aquamarine	Murzinka Aduyi Aduy 57 19M - 61 00E/ Transbaikalia	10,000	0.2	2,000	considerable

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